FIG.1

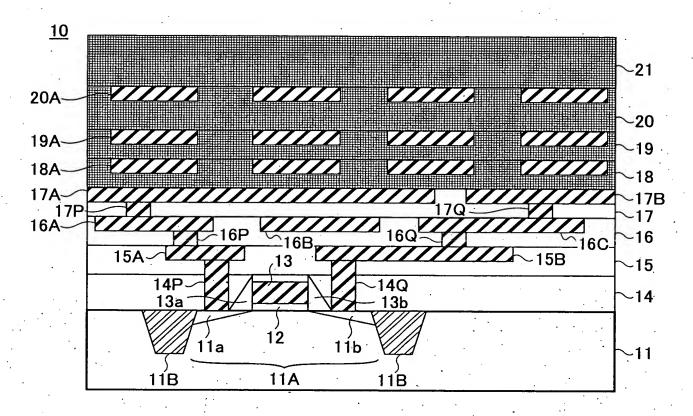


FIG.2

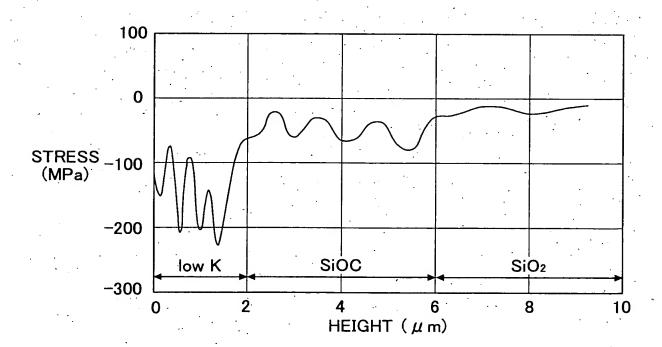


FIG.3

PRESSURE



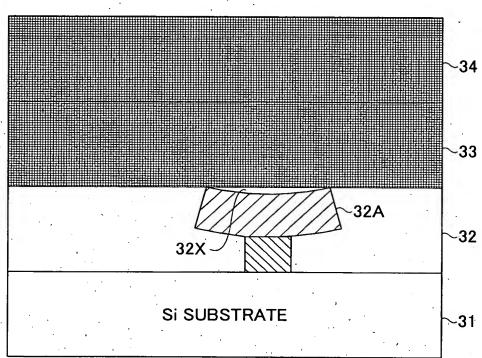


FIG.4

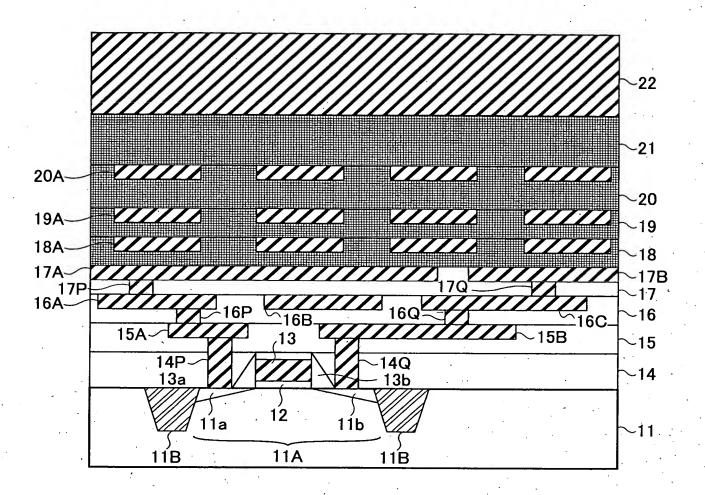


FIG.5

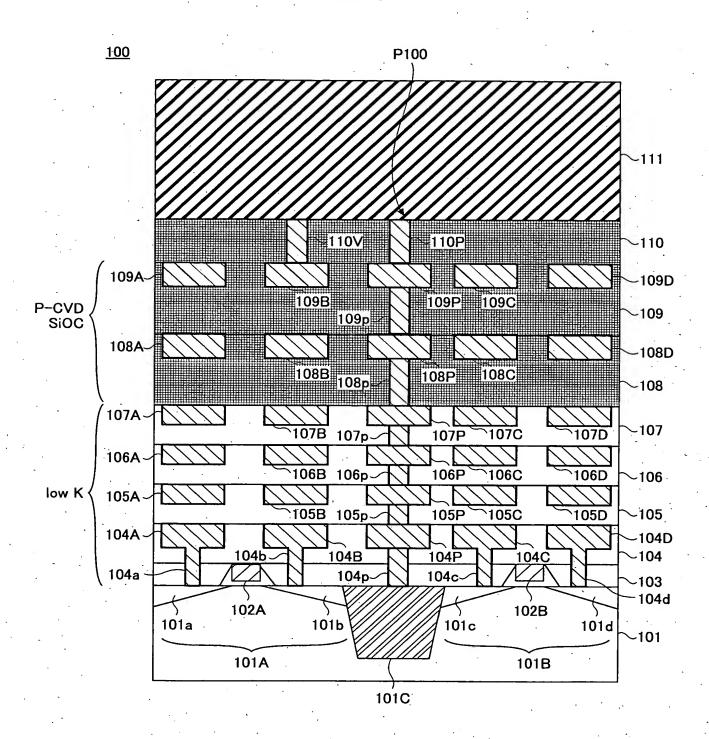
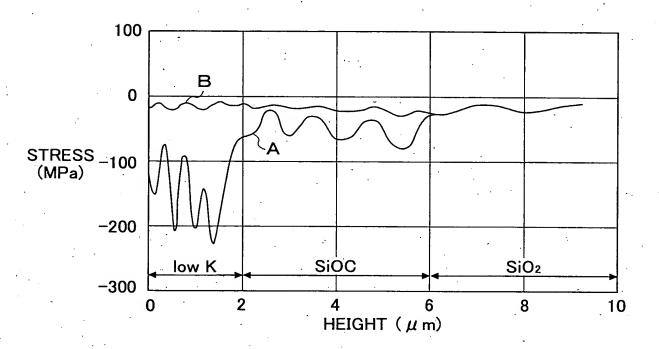
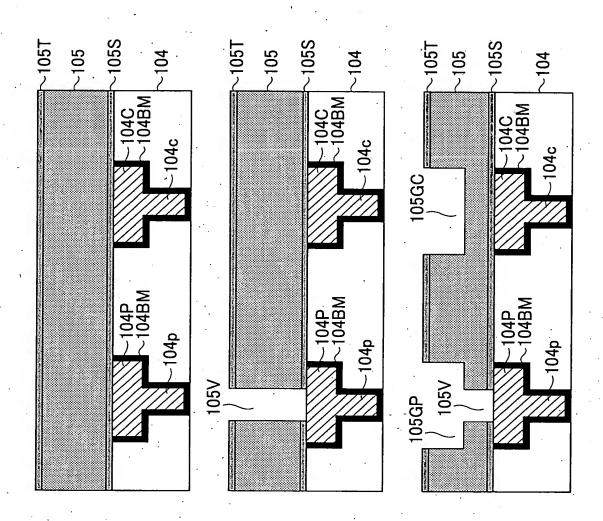


FIG.6





-IG.7A

FIG.7B

-IG.7C

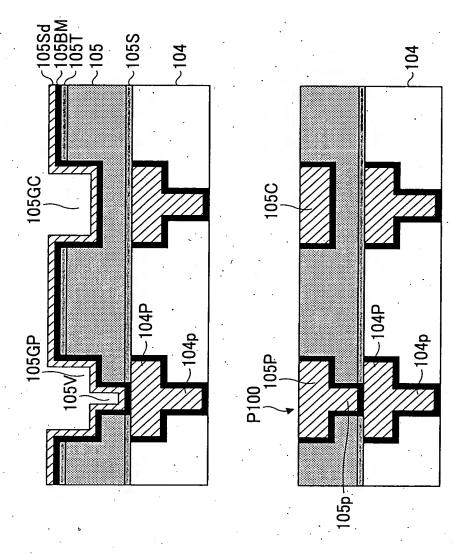


FIG.7D

FIG.7E

FIG.8

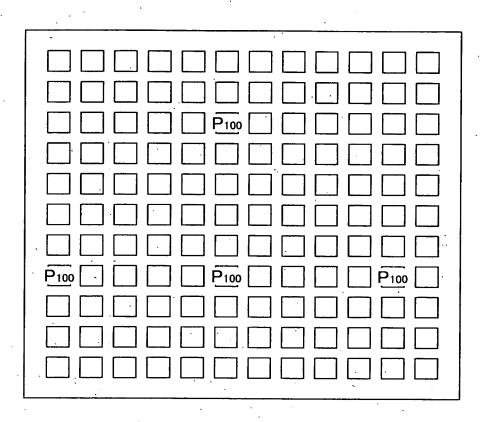


FIG.9



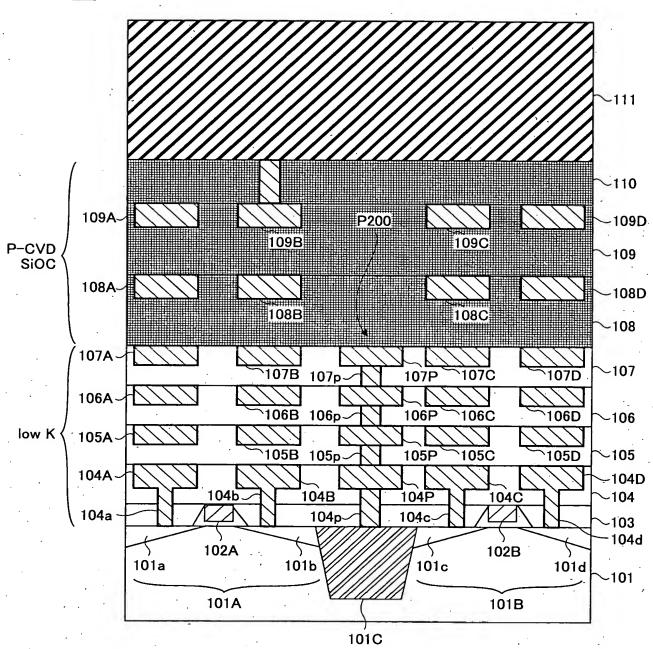


FIG.10



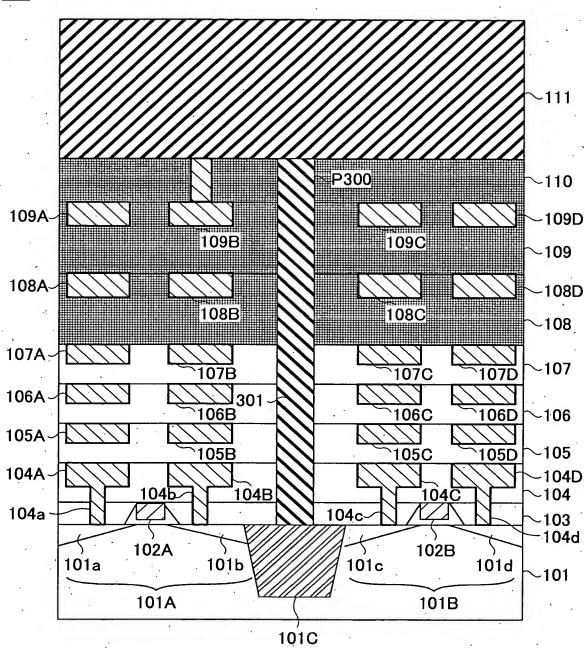


FIG.11

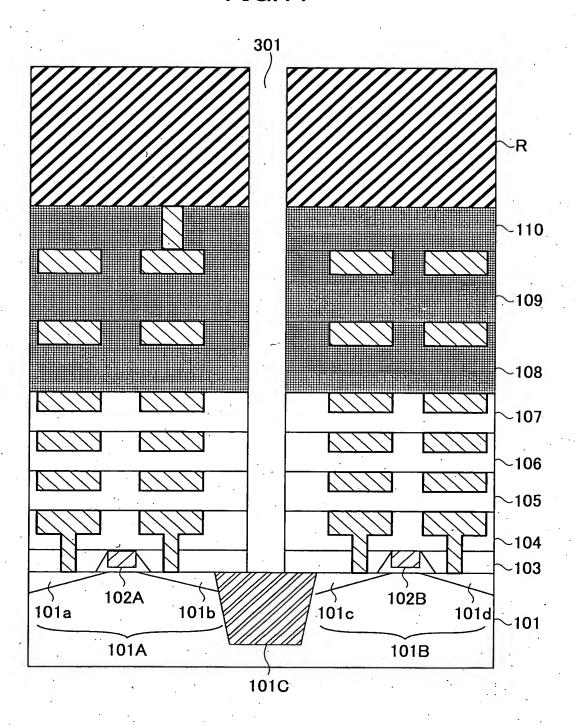


FIG.12

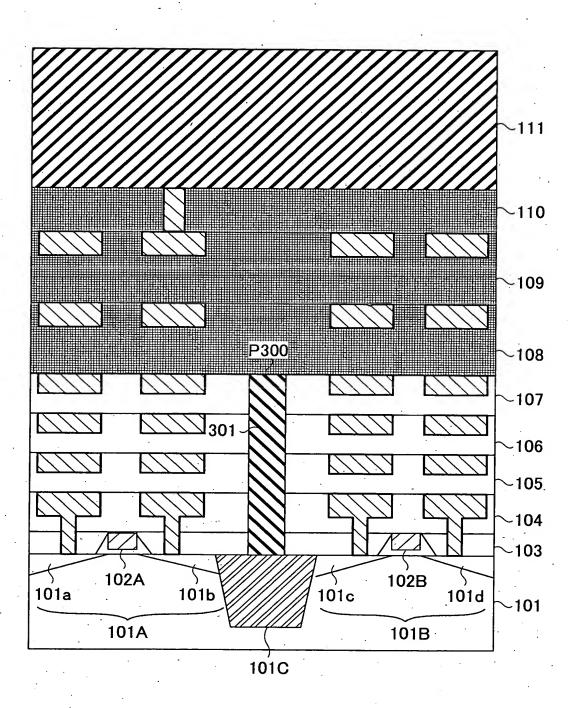


FIG.13A

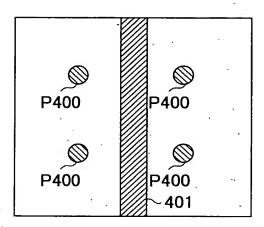


FIG.13B

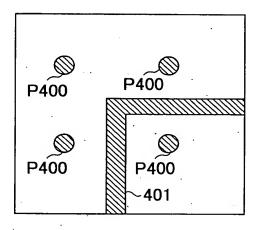


FIG.13C

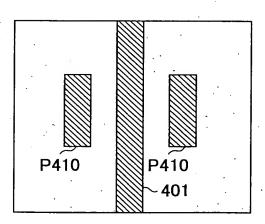


FIG.13D

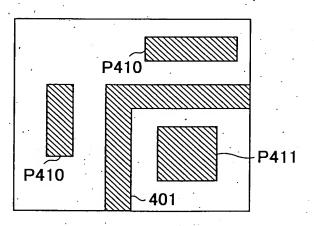
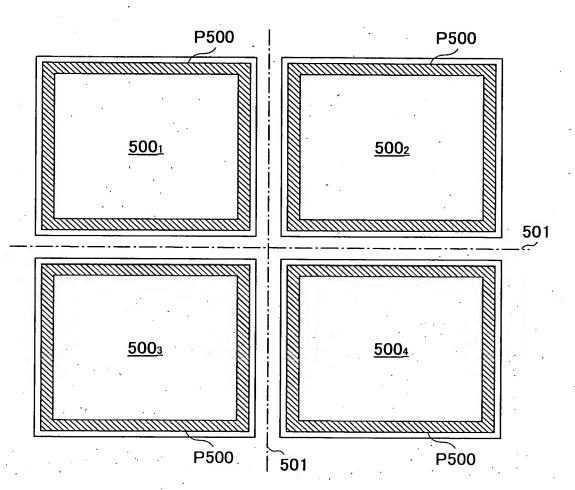
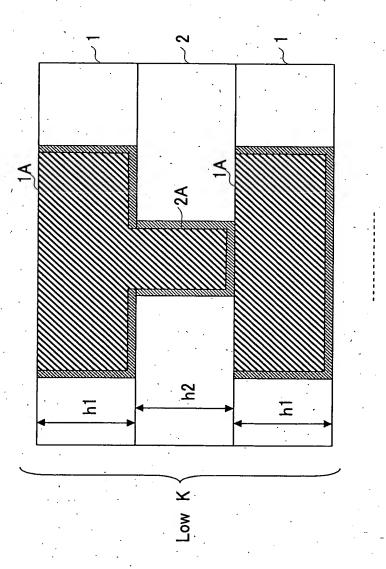


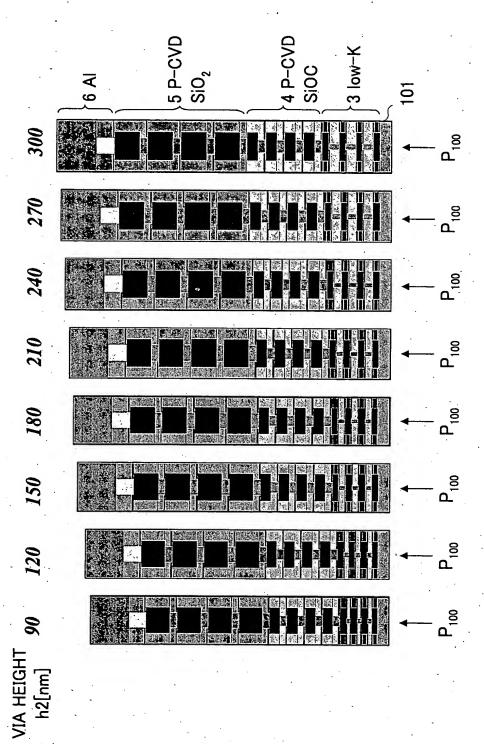
FIG.14

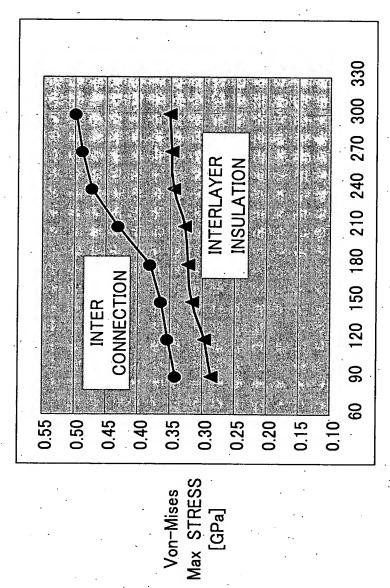




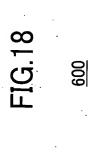


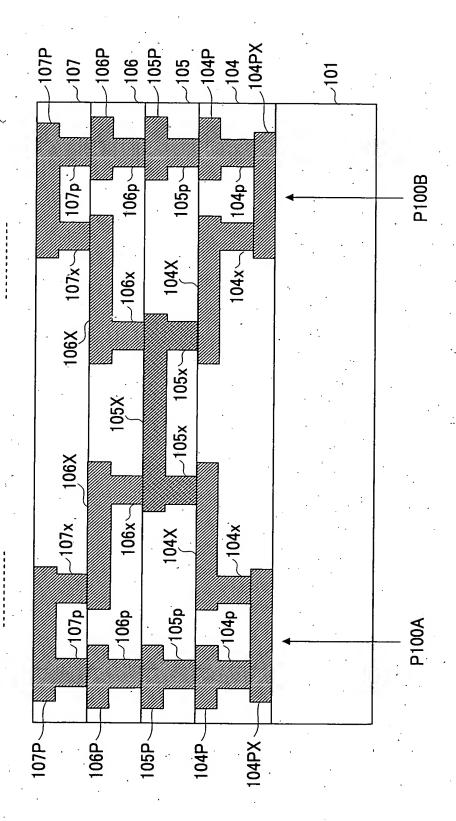


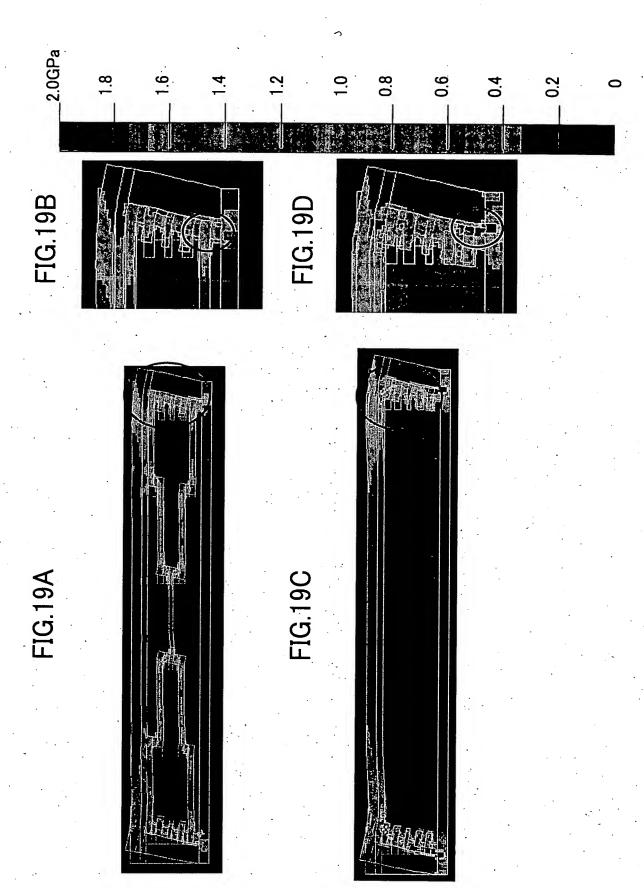




VIA HEIGHT h2 (nm)







BEST AVAILABLE COPY

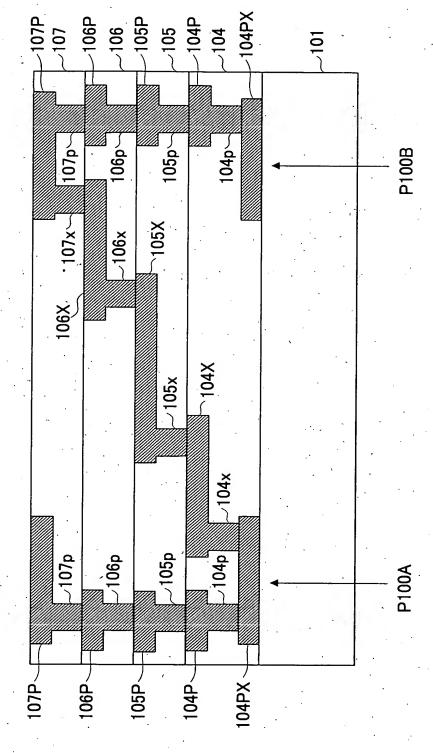


FIG.20

FIG.21

